

REMARKS

Favorable reconsideration of this application in light of the following discussion is respectfully requested.

Claims 1-21 are presently active in this case. The present amendment amends claims 1 and 8. All pending claims and their current status are shown above for the Examiner's convenience.

In the outstanding Office Action, the drawings were objected to because of informalities. Claims 1-7 were rejected under 35 U.S.C. §102(e) as anticipated by Schuchman et al. (U.S. Patent No. 6,148,195, hereinafter "Schuchman"). Claims 8-21 were rejected under 35 U.S.C. §103(a) as unpatentable over Schuchman in view of Borrás et al. (U.S. Patent No. 5,303,240, hereinafter "Borrás") and further in view of Sole et al. (U.S. Patent No. 6,150,987, hereinafter "Sole").

In response to the objection to the drawings, the informalities have been corrected. In response to the rejection of claims 1-7 under 35 U.S.C. §102(e) and claims 8-21 under 35 U.S.C. §103(a), Applicants respectfully request reconsideration of these rejections and traverse the rejections as discussed next.

Briefly, the invention is directed to improved wireless communications using Doppler direction finding techniques. These techniques enhance signal link performance between a wireless transmitter and receiver. More specifically, a scanned antenna array uses Doppler frequency shifting to

increase the gain of the antenna in the direction of a received signal to determine the received signals bearing.

In response to the rejections under 35 U.S.C. §102(e) and §103(a) , claims 1 and 8 have been amended to recite a "receiver is configured to eliminate a multipath channel impairments."¹ In view of the above, the cited prior art either individually or in combination fails to teach or suggest every feature recited in Applicant's claims as amended so that claims 1-21 are believed to be patentably distinguishable over the cited prior art. Accordingly, Applicant respectfully traverses, and request reconsideration of the rejections based on 35 U.S.C. §102(e) and 35 U.S.C. §103(a).

CONCLUSION

In view of above remarks, reconsideration of the outstanding rejections and allowance of pending claims 1-21 is respectfully requested.

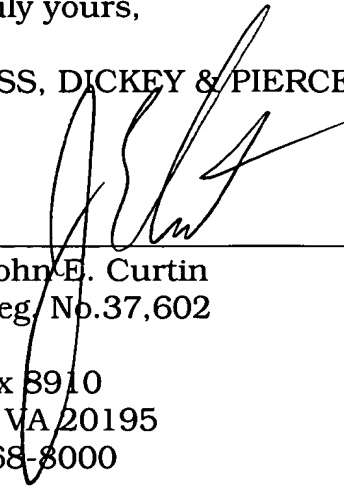
If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone Timothy J. Maier, Reg. No. 51,986, at the number listed below.

¹Support for this amendment can be found, for example, at page 11, lines 6-13 of the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Very truly yours,

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